

**REMARKS:**

Applicants thank the Examiner for the courtesy of a telephone interview conducted October 8, 2003 with the inventors: Dr. Robert Cupo and Dr. M.R. Karim and Applicants' attorney. At the interview the inventors noted that neither Harrada, of record nor Isaksson, of record performed a correlation function in the manner described in the specification at page 6, line 28 and continuing to page 7, line 16. The Examiner agreed that an amendment of claims 1, 12 and 21 to include the correlation function at page 7, line 9 would distinguish the claims from the cited art. Applicants have amended claims 1, 12 and 21 in line with the interview. The rejection of Claims 11 and 22 for informalities was also discussed. Agreement was reached with the Examiner on amendments to claims 11 and 22 to overcome the rejection for informalities. Claims 11 and 21 have been amended in line with the interview to overcome the informalities.

The Examiner noted that the Remarks in the amendment filed October 3, 2003 would be disregarded with respect to the rejection under Paragraphs 5/6 due to the misunderstanding regarding the claims involved in the rejection. Applicants' attorney has no objection in view of the amendments made to claims 11 and 22 overcoming the rejection under 35 USC 112/2. The Examiner agreed that the Supplemental Amendment would be entered. As the application now stands, claims 1 – 22 overcome the cited art and should be in condition for allowance.

**CONCLUSION:**

Applicants have amended claims 1, 11, 12, 21 and 22 in line with the Interview conducted October 8, 2003. Claim 1 – 22 should be in condition for allowance. Entry of the amendment, allowance of the claims and passage to issue of the application are requested.

**AUTHORIZATION:**

The Commissioner is hereby authorized to charge any fees or insufficient fees or credit any payment or overpayment associated with this application to IBM Deposit Account No. 13-4503, Order No. 3037-4167 CUPO-20-2.

Respectfully submitted,

MORGAN & FINNEGAN, L.L.P.

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